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(54) Container Sealing Device

(57) A sealing follower device to enable partly-used contents of a container to be protected against damp or atmospheric oxidation comprises a rigid disc 1 to which is attached a thin, flexible disc 2 so as to project radially therefrom and flexibly to contact the inside wall of the

container 4 and seal off the contents 5. A second rigid disc 6 is provided so that the thin disc is sandwiched between the two rigid discs, a handle 3 being located on the uppermost rigid disc.

In an alternative embodiment, only one rigid disc is provided, and this has an integral peripheral rim portion of greatly reduced thickness to engage the container wall.

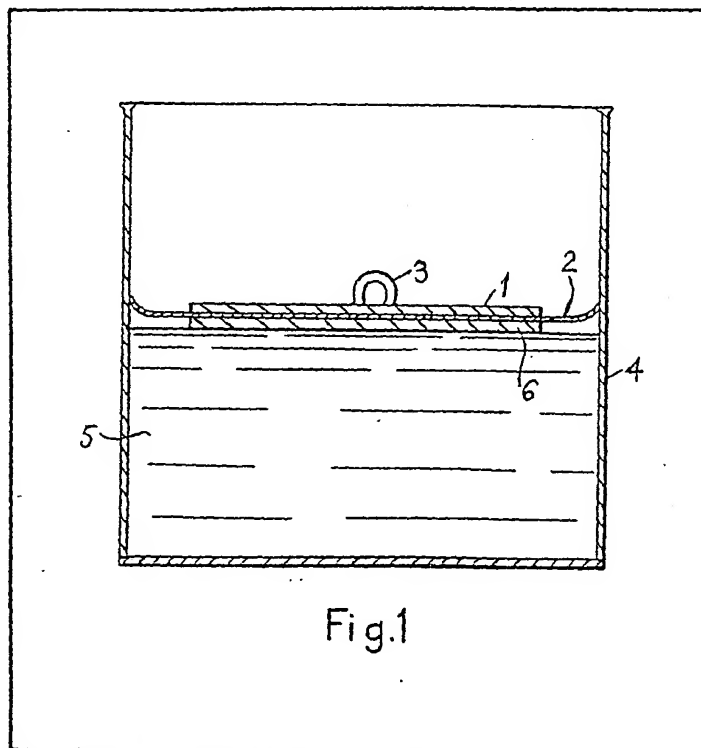


Fig.1

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SPECIFICATION Improvements in or Relating to Sealing Devices

The present invention relates to devices for
5 sealing products normally contained in a
container such as a tin or jar, to protect such
product from damp or air oxidation.

One example of use of the proposed device is
10 for sealing off the surface of paint contained in a
can after the can has been opened and some of
the paint has been used. Ordinarily when the paint
can has been closed by its lid a quantity of air is
trapped in the tin above the level of the paint and
15 this eventually causes the surface of the paint to
grow a skin which is a great nuisance to remove
when next it is required to use the paint.

The present invention proposes to provide a
sealing device that can be inserted in a container
20 to seal off the remaining product therein against
damp or air oxidation caused by the air entrapped
in the container after its usual lid has been
replaced after using some of the contents.

Accordingly the invention consists in a sealing
device that comprises a disc of rigid material
25 having a very flexible member peripherally
projecting therefrom so that it can contact the
wall of the container above the surface of any
material contained therein.

The flexible peripheral member also assists in
30 inserting the device into the container, the opened
mouth of which is normally of smaller diameter
than the body and is formed with a flanged rim or
the like to receive a lid or other cover member.

Two embodiments of device according to the
35 invention are respectively shown in Figures 1 and
2 of the accompanying drawings for use in
protecting the contents of an opened tin of paint.

Referring to the drawings, in the embodiment
40 of Figure 1 the device comprises a disc 1 of rigid
material to which a disc of very thin flexible
material 2 is attached so as to extend radially
therefrom and form the flexible peripheral
member referred to above: a handle or knob 3 is
45 secured to disc 1 to enable the device to be
inserted into and withdrawn from a can 4 above
the level of the contents 5. An additional
supporting disc 6 of rigid material may be secured
to the underside of member 2.

The device may be made wholly from plastics
50 materials, the various parts being adhered
together.

Figure 2 shows another embodiment in which
the rigid disc 7 and the peripheral member 8 are
55 moulded integrally by substantially decreasing the
thickness of the disc around its peripheral portion,
the device being made by any well-known plastics
moulding technique.

The knob 9 may be secured to the disc 7 or
also may be moulded integrally therewith.

There are many other examples of use of the
60 device for example it may find application in the
kitchen to protect commodities which are
susceptible to becoming damp e.g. salt, flour and
sugar but it may also be used for the protection of
65 other commodities such as small fruits or other
food stuffs.

It will be clear that the invention has been
described only by way of example and that
various modifications may be made to the
70 details shown without in any way of departing
from its scope.

Claims

1. A device for sealing a container, comprising
a disc of rigid material having a very flexible
75 member projecting peripherally therefrom so that
it can flexibly contact the inside wall of the
container above the surface of any material
contained therein.

2. A device as claimed in claim 1 comprising a
80 disc of rigid material to which a disc of very thin
flexible material is attached so as to extend
radially and peripherally therefrom.

3. A device as claimed in claim 2 wherein a
second disc of rigid material is attached to said
85 disc of flexible material so that the latter is
sandwiched between said rigid discs.

4. A device as claimed in claim 1 which
comprises a disc of rigid material having a
peripheral rim portion of reduced thickness
90 formed integrally therewith and forms said
peripherally projecting flexible member.

5. A device as claimed in claim 2, 3 or 4
wherein the or the uppermost rigid disc has an
upper surface to which a handle or knob member
95 is secured to forms part thereof.

6. A sealing device substantially as
hereinbefore described with reference to Figure 1
of the accompanying drawings.

7. A sealing device substantially as
100 hereinbefore described with reference to Figure 2
of the accompanying drawings.

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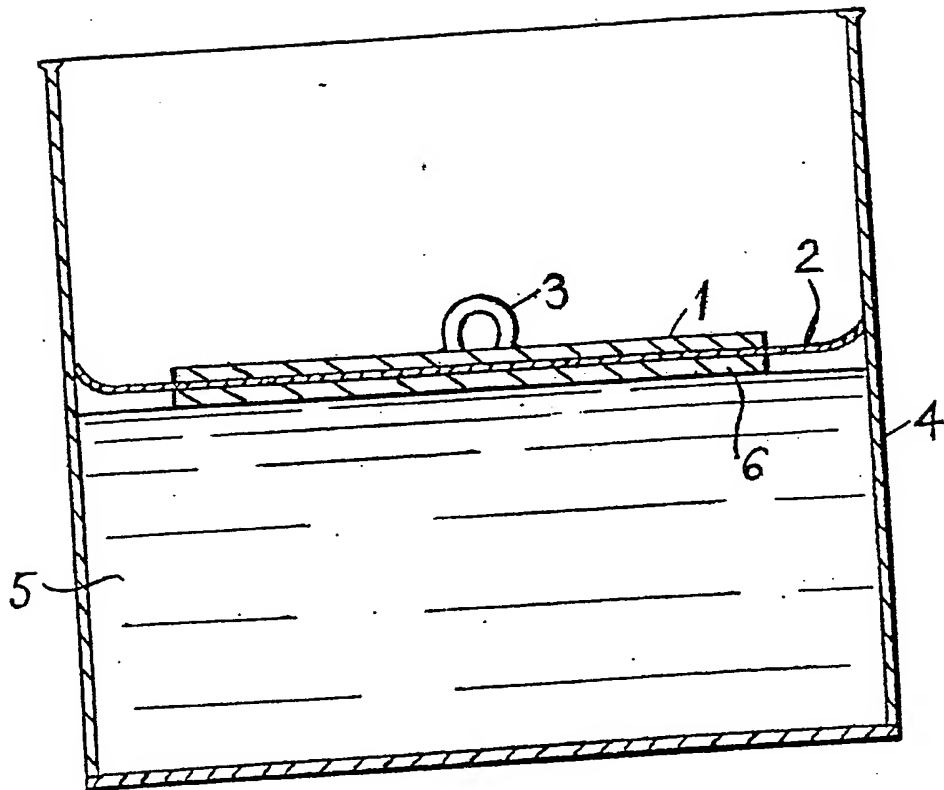


Fig. 1

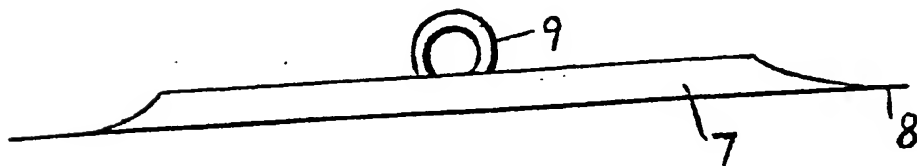


Fig. 2